

# Converting Colors

HunterLab(69.6896, -41.9583,  
23.0010)

Have a look what the booklet for  
HunterLab(69.6896, -41.9583,  
23.0010) contains.

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# Color

**HunterLab(69.8425,  
-42.1394, 23.1524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FCF86
RGB	95, 207, 134
RGB Percent	37%, 81%, 53%
CMY	0.6274, 0.1882, 0.4745
CMYK	0.54, 0.00, 0.35, 0.19
HSL	141°, 54%, 59%
HSV	141°, 54%, 81%
XYZ	31.3352, 48.7797, 30.3181
YIQ	165.1900, -43.3190, -46.4470

# Conversions

## Conversions Part 2

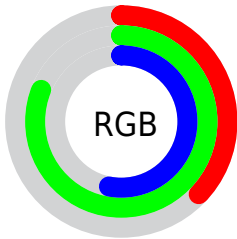
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 178, 207
Decimal	6279046
CIELab	75.32, -48.19, 26.84
CIElCh	75, 55.156, 150.883
Yxy	48.7817, 0.2837, 0.4417
Android (android.graphics.Color)	4284469126 (0xFF5FCF86)
YUV	165.1900, -15.3767, -61.5566
Hunter-Lab	69.8425, -42.1394, 23.1524

# Details

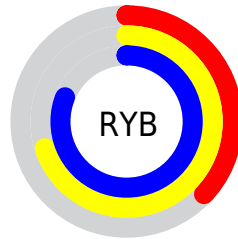
The HunterLab color **69.8425, -42.1394, 23.1524** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **49.2727, 47.4277, -13.3876**, and the grayscale version is **61.4936, -3.2811, 3.3411**.

A 20% lighter version of the original color is **90.5114, -44.0629, 23.8358**, and **48.3151, -35.3873, 18.8592** is the 20% darker color. If you saturate the color by 10%, you get **68.8940, -46.5096, 26.2057**, and if you desaturate by 10%, it is **71.0227, -36.8727, 19.9045**.

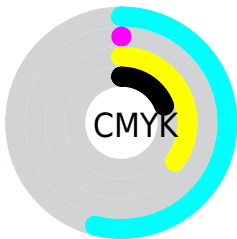
# Distribution



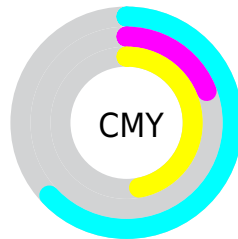
- Red (37%)
- Green (81%)
- Blue (53%)



- Red (37%)
- Yellow (70%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (35%)
- Black (19%)



- Cyan (63%)
- Magenta (19%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.8425, -42.1394, 23.1524 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 69.8425, -42.1394, 23.1524 by changing the saturation by 10% instead.



■ 69.8425, -42.1394,  
23.1524

■ 69.8425, -42.1394,  
23.1524

195.4181,  
-68.0592, 40.4196

■ 58.6910, -38.8158,  
21.0545

■ 94.0038, -48.4073,  
27.1815

■ 48.2045, -35.3210,  
18.8772

■ 106.9514,  
-51.3944, 29.1350

■ 38.4297, -31.6077,  
16.5958

■ 120.4443,  
-54.3051, 31.0593

■ 29.4228, -27.6048,  
14.1738

■ 134.4612,  
-57.1514, 32.9604

■ 21.2559, -23.2024,  
11.5574

148.9833,  
-59.9428, 34.8433

■ 14.0265, -19.0078,  
9.8185

163.9935,

■ 7.6710, -13.4242,

-62.6871, 36.7121

5.3697

179.4764,  
-65.3908, 38.5699

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.8425, -42.1394,  
23.1524

■ 69.8425, -42.1394,  
23.1524

■ 68.8940, -46.5096,  
26.2057

■ 71.0227, -36.8727,  
19.9045

■ 68.1635, -49.9730,  
29.0239

■ 72.4350, -30.7418,  
16.5017

■ 67.6379, -52.5565,  
31.5730

■ 74.0815, -23.8042,  
12.9867

■ 67.2954, -54.3266,  
33.8239


■ 75.9597, -16.1315,  
9.4003


■ 67.1538, -55.0915,


■ 78.0645, -7.8042,


34.9903

5.7802

 80.3886, 1.0937,  
2.1595

 82.9231, 10.4796,  
-1.4334

 85.0263, 18.2531,  
-5.8324

 85.5029, 20.7298,  
-12.5541

# Harmonies

## Analogous

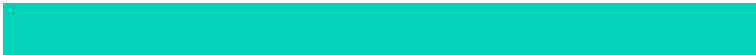
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8439, -27.5052, 33.4689



69.8425, -42.1394, 23.1524



69.8439, -46.8869, 3.0673

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8439, -42.1403, 23.1530



69.8439, -2.9608, -62.1163



69.8439, 44.3696, 24.0139

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.8425, -42.1394, 23.1524



49.2727, 47.4277, -13.3876

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8439, 53.3843, 4.5284



69.8425, -42.1394, 23.1524



69.8439, 23.7228, -50.3204

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8439, -42.1403, 23.1530



69.8439, -26.3549, -51.5614



69.8439, 45.3353, -23.4109



69.8439, 22.1997, 33.8234

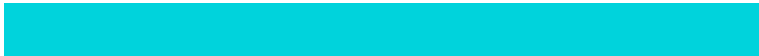


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8425, -42.1394, 23.1524



69.8439, -44.4457, -15.2878



69.8439, 45.3353, -23.4109



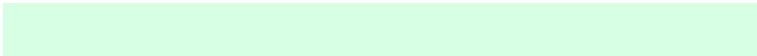
69.8439, 49.1723, 18.6724

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.8439, -42.1403, 23.1530



95.6401, -22.5209, 12.8529



73.4595, -29.2057, 36.0156



44.0131, -11.3715, 6.3853

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8439, -42.1403, 23.1530



87.0412, -59.6945, 33.7961



71.2080, -34.0037, 3.5101



36.4325, -5.8264, 3.6490



53.3178, -43.6331, 27.5489



12.6663, -9.9518, 5.6513



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.2727, 47.4277, -13.3876



57.0006, 72.3082, -18.7334



47.6005, 39.8628, 10.3229



34.5488, 2.2036, 0.2385



30.7847, 56.3552, -8.2888



7.3795, 13.6846, -3.3472



# Previews

## White Background



This preview shows how the HunterLab color 69.8425, -42.1394, 23.1524 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 69.8425, -42.1394, 23.1524 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 69.8425, -42.1394, 23.1524 Background



This preview shows how black text looks on a background with the HunterLab color 69.8425, -42.1394, 23.1524.



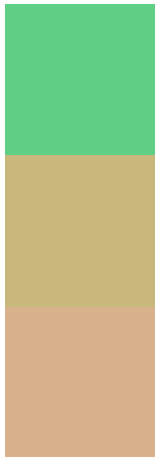
This preview shows how white text looks on a background with the HunterLab color 69.8425,

-42.1394, 23.1524.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

69.8425, -42.1394, 23.1524

### Protanopia

69.2933, -6.3784, 26.2705

### Deuteranopia

69.2577, 4.6984, 21.1860



## Tritanopia

69.6058, -21.3379, -11.1041

# Trichromacy



## Original Color

69.8425, -42.1394, 23.1524



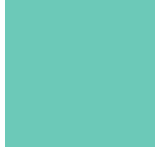
## Protanomaly

68.5122, -21.8137, 24.1619



## Deuteranomaly

68.2437, -15.8899, 20.8833



## Tritanomaly

69.5860, -30.1406, 3.7132

# Monochromacy



## Original Color

69.8425, -42.1394, 23.1524



## Achromatopsia

61.3402, -3.2730, 3.3327



## Achromatomaly

63.6797, -19.0238, 10.4417

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.8425, -42.1394, 23.1524 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 207, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 207, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 207, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 207, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.8425, -42.1394, 23.1524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 207, 134) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 207, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 207, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 207, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 207, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 207,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.8425, -42.1394, 23.1524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 207, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 207,  
134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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